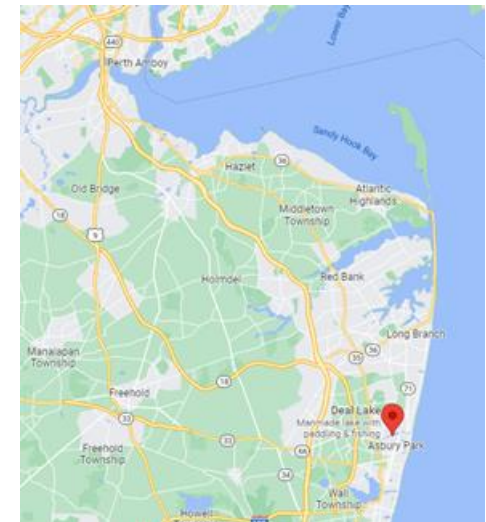


WATERSHED MANAGEMENT & WATER
RESOURCES
**2022 Governor's Environmental
Excellence Award**

Deal Lake
COMMISSION

Thanks!
We are honored.





Commissioners For 2022

- Don Brockel, Ocean, Chairman
- Carol Roarty, Interlaken, Vice-Chairman
- Jeannie Toher, Asbury Park, Secretary
- Bruce Fromer, Allenhurst, Treasurer
- Eric Houghtaling, Neptune, Assistant Treasurer
- Margo Fernicola, Loch Arbour,
- Steve Kassin, Deal

Staff

- Commission Clerk – Jessie Joseph
- CFO Lorraine Carafa
- Environmental Consultant – Dr. Stephen Souza,
- 319 Consultant: Princeton Hydro, LLC.
- Engineer – Peter Avakian, Leon S. Avakian, Inc.
- Attorney – Hunt Parry, Esq.
- Web Master – Ken Mc Gee

Deal Lake Commission
Formed 1974;
Zoom Meetings 3rd Thur
In person: Interlaken Town hall
Returning sometime in 2023;

Find us at:

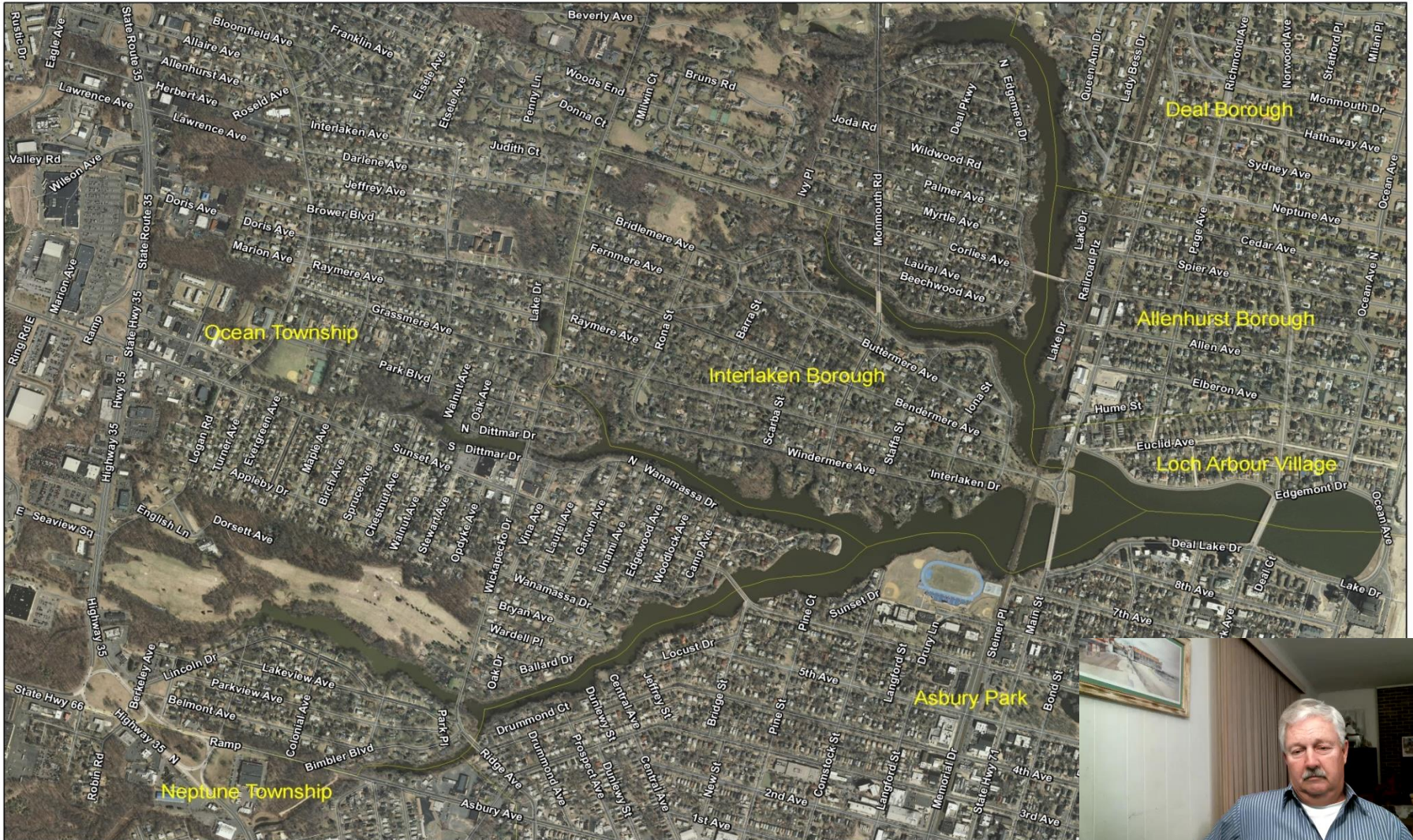
<http://deallake.org/>

<https://www.facebook.com/DealLake>

The Deal Lake Watershed 4400 Acres

158 Acre lake: NJ Largest Coastal Lake

4000 storm drain inlets, 250 outfall pipes

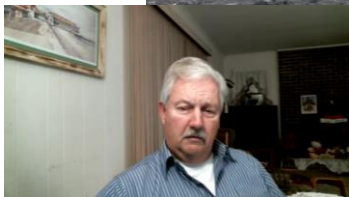


Coastal Storms

Sandy: A BIG Hit To Deal Lake / 2012

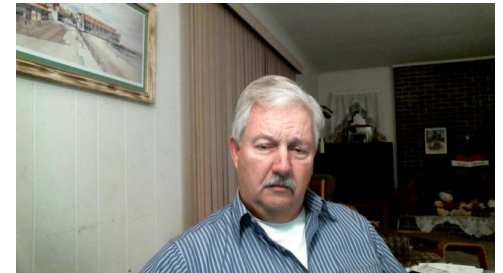


Lake Wide Clean-ups: Fall and Spring Last 17 years



Recent Grants and additional Projects

- Lake Dredging \$1.6 Million in 2015 Post sandy effects on the east end.
- Loch Arbour Landscaping (Family Grant) \$30k+
- Flume Restoration (Army Corps of Engineers)
 - Supported by NJDEP and Ocean Twp
 - \$550K Plus
- NJ DEP 319 clean water grant: \$735K, On going
- NJ DEP 319 Grant with NJIT to remove Harmful Algae
- USGS Study of nutrient source of Algae.
- NJDEP Grant: AMERICAN RESCUE PLAN FUNDS FOR WATER QUALITY IMPROVEMENT PROJECTS \$890,400 (announced: 12/2/22)
Green infrastructure Best Management Practices and other DEP-approved stormwater management devices at Seaview Square Mall.

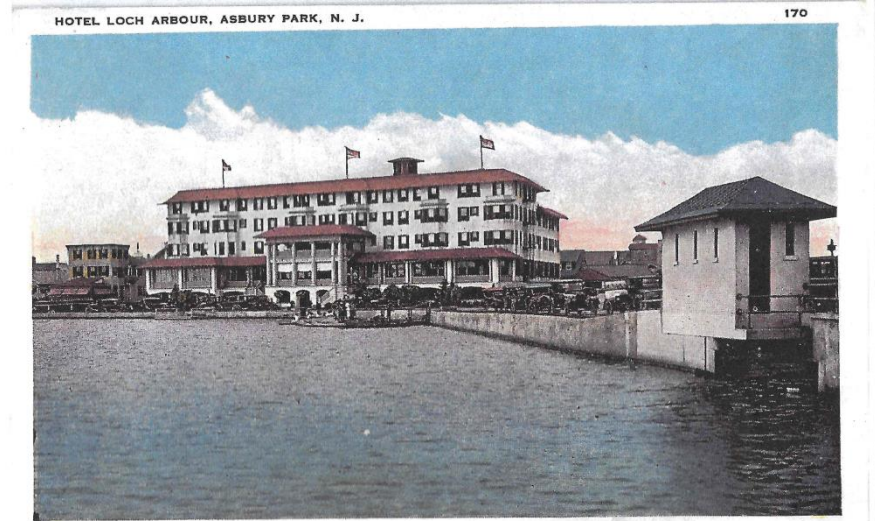


2015 Post Sandy Dredging East Only about 13,000 Cu yards



\$550K Flume Modernization (Army Corp of Engineers-ACOE)

Automation/Electric Upgrades To Ensure Fish Migration



Ocean Shutdown



Manufactured Treatment Device (MTD)

7 Installed in the Watershed, 3 in the last 319 grant



2 Sunset MTDs to clean stormwater Water which flows to Deal Lake (319 Grant)



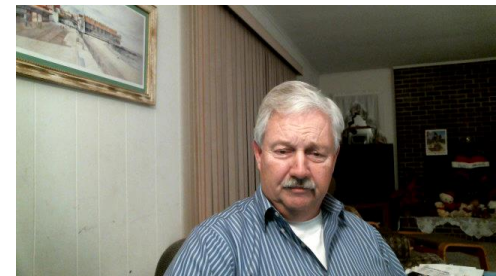
Memorial Ave (MTD) Asbury Park High School 319-Lunchtime Education



Comstock (AP) MTD Example shown to students: MTDs work great

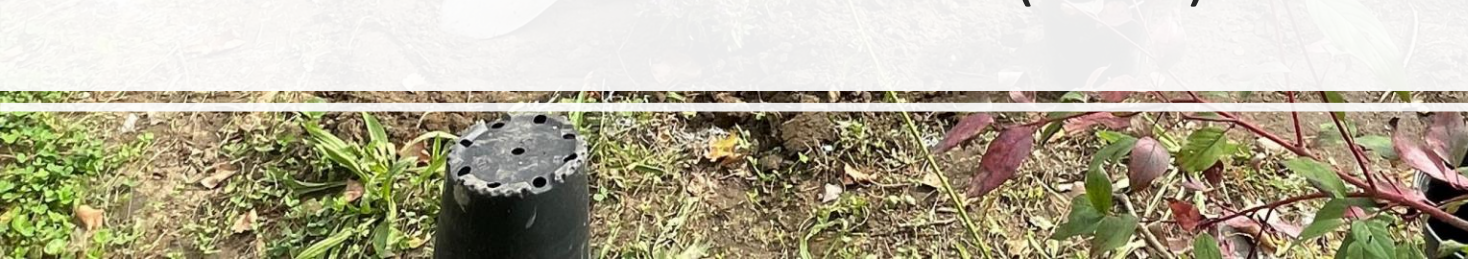


319 Grant Wesley and Sunset Floating Wetlands





More to come from (2017) 319 Grant

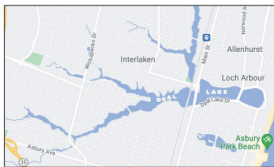


Shore line protection: Education

DEP info on our web site & brochure for lakeshore owners and towns.

Your Project May Need a Permit!

Strict compliance with the NJDEP regulations apply to any land 50 feet adjacent to the Deal Lake shoreline as well as any land 50 feet adjacent to any stream that drains into Deal Lake.

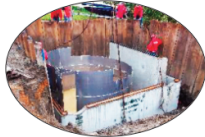


If you see an activity that will have a negative impact on the lake, report it to NJDEP. Your prompt action ensures appropriate actions are taken to address and lessen damage to the lake's water quality.

To report environmental incidents, abuses or complaints,

**PLEASE CALL
1-877-WARNDEP
1-877-927-6337**

What Has the Deal Lake Commission Been Doing?



HERE'S WHAT:

- Installing stormwater quality improvement structures to decrease the influx of sediment and trash
- Constructing green infrastructure to decrease the nutrient inputs that cause algae blooms
- Working with towns to manage Canadian geese
- Conducting shoreline cleanups
- Educating residents

VISIT THE DLC WEBSITE

- Subscribe to our E-news
- Contact us



www.deallake.org

A GUIDE for DEAL LAKE PROPERTY OWNERS



**DEAL LAKE,
ITS TRIBUTARIES AND
WATERSHED ARE
REGULATED BY
FEDERAL AND STATE
AGENCIES.**



DLC uses DEP HOT LINE for FAST Action
“JCP&L pumps sediment-filled stormwater into 'worst spot in the world' in Deal Lake” (AP Press, 7/1/22)



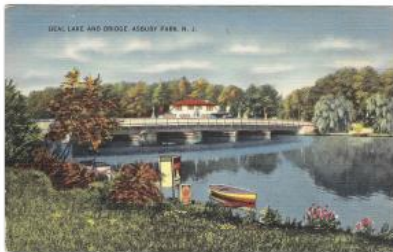
Teamed up with Sheriff Golden on Safe Boating

MISSION

Our mission is to provide leadership, guidance and resources to preserve and restore Deal Lake and its tributaries as a healthy and stable ecosystem. By actively serving as stewards of Deal Lake and its Watershed, our goals include:

- Educating the community, including our school children, to increase awareness and appreciation for the natural environment of the lake
- Providing leadership concerning issues related to Deal Lake within and outside our community
- Helping homeowners and public groups recognize and mindfully solve problems related to water quality, siltation, and lake restoration
- Serving as the liaison between lakeside communities, County agencies, and the NJ DEP to implement a Regional Storm Water Management Plan
- Proactively suggesting practical ideas to improve overall the environmental quality of properties through out the Deal Lake watershed

<http://deallake.org/boating-and-fishing-lics/>



The Deal Lake Commission was created by the seven Monmouth County, NJ towns that surround Deal Lake. The Commission was chartered in 1974 by the Borough of Allenhurst, City of Asbury Park, Borough of Deal, Borough of Interlaken, Village of Loch Arbour, Neptune Township, and Ocean Township.

BOATING CHECKLIST

1. Wear a life jacket.
2. Make sure your life jacket is U.S. Coast Guard approved, appropriate for your water activity and fits properly.
3. Know state boating laws.
4. Take a boating safety course. NASBLA (National Association of Boating Law Administrators) approved boating safety course. Many courses are online, and will save you money on your boat insurance.
5. Make sure your boat is prepared.
6. Be sure to know your boat's capacity.
7. Check the weather, including the water temperature.
8. Dress properly.
9. Always file a float plan: floatplancentral.org
10. Always follow navigation rules.
11. Don't drink while you boat.
12. Beware of carbon monoxide poisoning.
13. Keep in touch. Have several ways to communicate.



MONMOUTH COUNTY
SHERIFF'S OFFICE

SHERIFF SHAUN GOLDEN

2500 Kozloski Road
Freehold, NJ 07728
732-431-6400

WWW.MCSONJ.ORG

Deal Lake
COMMISSION

<http://deallake.org/>
<https://www.facebook.com/DealLake>

SAFE BOATING

LICENSES, REGISTRATION, SAFETY TIPS



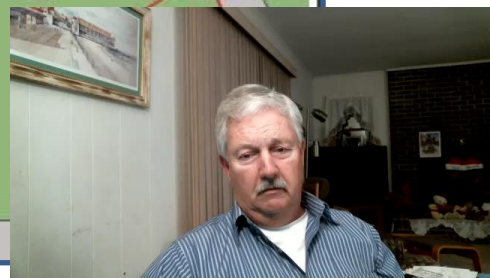
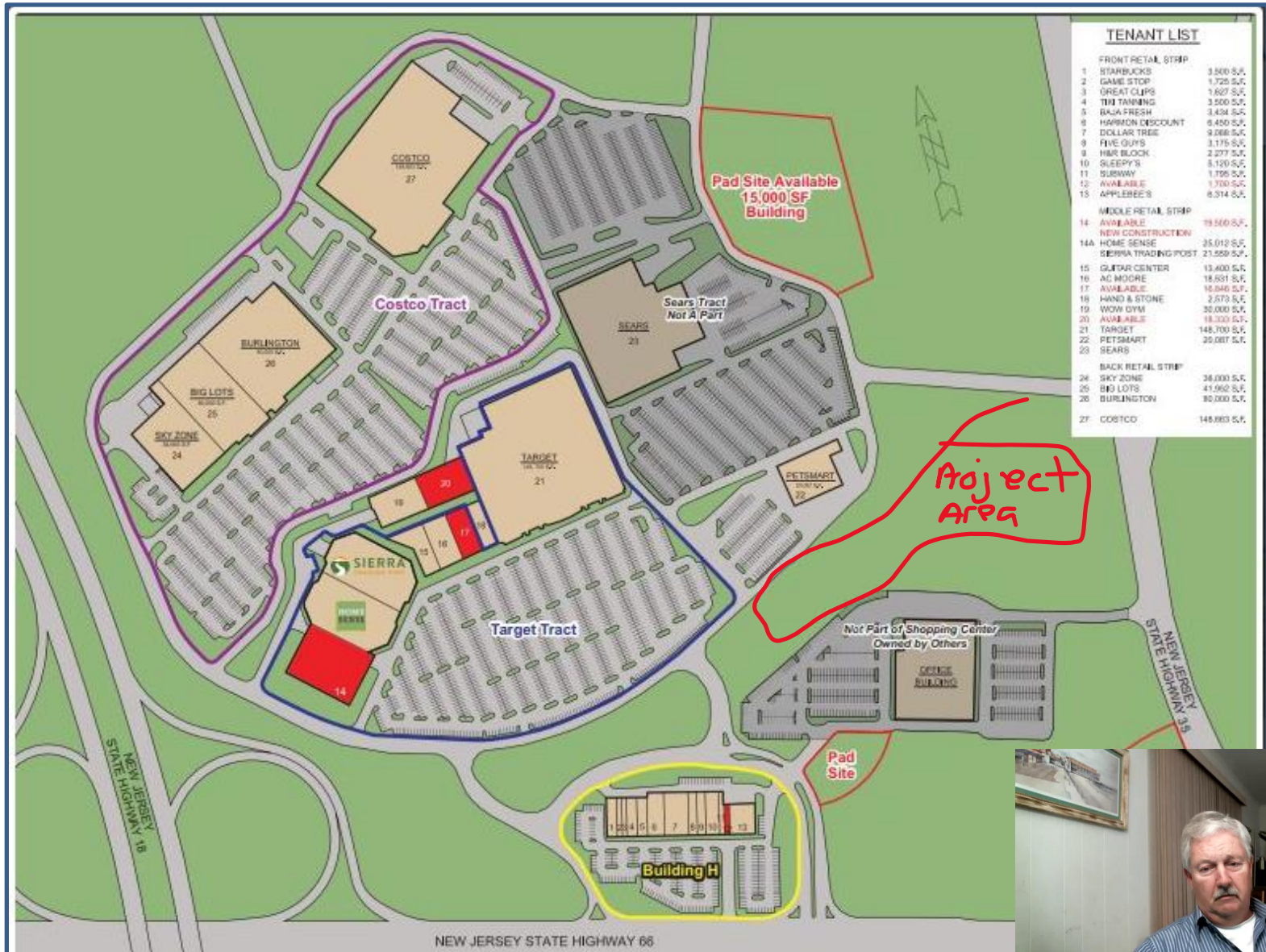
DEAL LAKE C

in partnership

MONMOUTH
SHERIFF'S



Thanks, NJDEP: GRANT FOR WATER QUALITY IMPROVEMENT PROJECTS:
Deal Lake Commission: \$890,400 12/8/22



Deal Lake (Continuing Issues)

- Lack of Upstream storm water controls:
 - Seaview Mall / Middlebrook Center / Neptune ShopRite Center
 - DOT roads: 35 / 66 / 18
- Nonpoint source pollution: 4000+ Inlets &..
- Help Compliance: MS4 (Municipal Separate Stormwater Sewer Systems)
- County / State Bridge and road work.
- Geese and Carp Remediation
- Shore line destruction:
 - Loss of natural shoreline (Bulk heading)
 - Brush and tree removal by towns and homeowners
- Dredging: (Organic removal) 😊



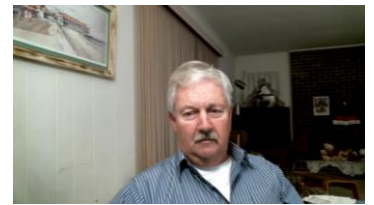
Key Partners

- NJDEP
- Deal Lake Watershed Association (member)
- Monmouth County
- Clean Ocean Action
- Monmouth University (MU)
- CLONET: [Coastal Lakes Observing Network](#) (MU)
- NJIT / USGS / USDA
- Our Senator Vin Gopal
- Asbury Park Fishing Club
- The City of Asbury Park
- Ocean Township
- Interlaken, Allenhurst, Loch Arbor, Deal, Neptune
- Our Congressman: Frank Pallone & Chris Smith
- Stroke your ECO
- Ocean Township Sewer Authority (TOSA)
- Sunset and Wesley lake Commissions
- Asbury Park Shade Tree Commission
- NJPLAN: NJ Public Lakes Action Network (member)



Fun on the lake: Deal Lake Recreation

summer



Fall



Winter



Summer/
spring/
Fall



Jungle row / summer



Spring







Priceless DLC Professionals / 30 years of service

- Peter Avakian

<https://leonsavakian.com/>

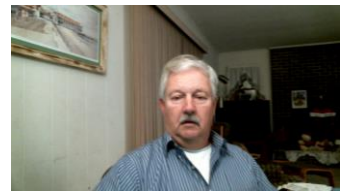
PRESIDENT



- Dr Steve Souza

Owner, Clean Waters Consulting, LLC

Owner





2022 Award Recipient

Deal Lake
COMMISSION



WATERSHED MANAGEMENT & WATER
RESOURCES
2022 Governor's Environmental
Excellence Award

